

	acccatgga	caaaggagcc	tggcaggcta	tagcccttgg	gttgcaaaa	tcagacatga	840
	ctgaataact	agcagcaaag	ctttgcgtgc	acagcagctc	aacccacact	cagtggtggg	900
	aatcattgtg	attgttctaa	ctggtgagga	ggctacagga	aatctggtga	agctccagat	960
	aatagccact	gataggtact	ataattaaac	atggaacttt	aagtatgtt	ggatctccaa	1020
5	tggcactaa	tgttttaaat	ttttttttt	cttccaattt	tattttattt	ttaaacttta	1080
	cataattgt	ttagtttgc	caaatatcaa	aatgaatccg	ccacaggtat	acatgtgttc	1140
	cccattccga	accctccctc	ctcctccctc	cccataccat	ccctctggc	cgtccagtc	1200
	tccagcccc	agcatccagc	atcatgcac	gaacctggac	tggcaactcg	ttcctacatg	1260
10	atatttcaca	tgtttcattt	ccattctccc	aaatcttccc	accctctccc	tctcccacag	1320
	agtccataag	actgttctat	acatgagtgt	ctctttgct	gtctcgatca	ccgggttatt	1380
	gttaccatct	ttctaaatcc	catatatatg	cgttagtata	ctgtatattt	gttttcctt	1440
	ctggcttact	tcactctgt	taataggctc	cagttcattc	cacccatata	gaactgattc	1500
15	aaatgtattc	tttttaatgg	ctgagtaata	ctccattgt	tatatgtacc	acagctttct	1560
	tatccattca	tctgctgat	gacatctagg	ttgcttccat	gtcctggcta	ttataaacag	1620
	tgctgcgt	aacattgggg	tacacgtgtc	tctttccctt	ctgggttccct	cagtgtgtat	1680
	gcccagcagt	gggggttgct	gatcataagg	cagttctatt	tccagttttt	taaggaatct	1740
	ccacactgtt	ctccatagtg	gctgtactag	tttgcattcc	caccaacagt	gtaagagggt	1800
20	tccctttct	ccacaccctc	tccagcattt	attatttgt	gactttgg	tcgcagccaa	1860
	tctgactgg	gtgaaatgg	acccatagt	gttgcattt	gcatttctct	gataatgagt	1920
	gatgttgagc	atctttcat	gtgtttgtt	gccatctgt	tgtctttttt	ggagaaatgt	1980
	ctatTTAGTT	ctttggccca	tttttgatt	gggtcgat	ttttctgg	gttgagctgt	2040
	aggagttgt	tgtatatttt	tgagattagt	tgttgcgg	ttgcattt	tgctattatt	2100
25	ttctcccatt	ctgaaggctg	tctttcacc	ttgctaata	tttccttga	tgtgcagaag	2160
	cttttaaggt	taatttaggtc	ccatttgtt	attttgtt	ttatttccaa	tattctgg	2220
	ggtgtggctc	ccagaatgtt	ttaaaattt	attgtcacc	ttcattttaa	caaatttcc	2280
	acttgctata	ctctgggttc	ttgggatcct	tcatggagat	tccagcacct	ctgccttcct	2340
	ggagcttcct	tccttgaact	ccttagctgt	gggatttagat	tccgacaact	ctccctgtct	2400
	tcagcccc	tggcgatgg	tctttgtcaa	attctaatac	ggccttctc	agttggtctg	2460
30	gctggccccc	tcctgatgag	ccttgcgt	ctccagccca	ggcctggcct	tcacattcagt	2520
	tggcagaacc	cagccctggg	caaaggtcg	gggggtcg	atgtgaggca	atgcgttgt	2580
	tgctctaatac	ttttctggta	ccaggttgc	tgtgtgtgt	tgtgtgtgt	tgtgtgtgt	2640
	tgtgtactg	ggagggagga	agagagagaa	aatgttaattt	atttggggag	gatttgggaa	2700
	aggtttata	aggaaagcag	caagaccaag	aatctactgc	caagcggt	ccaagaaacg	2760
	ttcaccat	tcctcctcca	accggcact	gtttgccaac	tcttaaccaa	attagcatag	2820
35	tgcggctgc	ttccatacat	gactgaat	ataaggaat	tttagacgtc		2869

40 <210> 4
<211> 540
<212> DNA
<213> Bos taurus

45 <400> 4
tttagattccg acaactctcc ctgtcttcag cccctctggc gtatggtctt tgtcaaattc 60
taatacgtgg ccttctcagt tggctggct ggccccatcc tgatgagcct tgtgagcctc 120
cagcccaggc ctggccttca cttcagttgg cagaacccag ccctgggcaa aggtcgaaaa 180
gttcgttatg tgaggcaatg cggtgtgtgc tctaattctt tctggcacca ggttgtgtgt 240
gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgactggga gggaggaaga gagagaaaat 300
50 gtaattgatt tggggaggat ttggggaaagg tttatatagg aaagcagcaa gaccaagaat 360
ctactgccaa gcggtgacca agaaacgttc accatattcc tcctccaacc ccgcactgtt 420
tgccaaactct taaccaaatt agcatagtgc ggtctgcttc catacatgac tgaatgaata 480
aggaagttta gacgtccttg ccataaagcc tggaggaacc atacgaaaat ccagcctctg 540

55

<210> 5

<211> 522
<212> DNA
<213> Bos indicus

5 <400> 5
ttagattccg ataactctcc ctgtcttcag cccctctggc gtatggtctt tgtcaaattc 60
taatacgtgg cttctcagt tggctcgct ggctccatcc tgatgagcct tgtgagcctc 120
cagcccaggc ctggccttca cttcagttgg cagaacccag ccctgggcaa aggtcgaaaa 180
gttcgttatg tgaggcaatg cggtgtgtgc tctaattttt tctggtagcca gtttgtgtgt 240
gtgtgtgtgt gtgtgactgg gagggaggaa gagagagaaa atgtaattga tttggggagg 300
atttggggaa gtttatata ggaaagcagc aagaccaaga atctactgcc aagcggtgac 360
caagaaacgt tcaccatatt ctcctccaa cccgcactg tttgccaact cttAACCAAA 420
ttagcatagt gcggcttgct tccatacatg actgaatgaa taaggaagtt taaacgtcct 480
tgccataaag cctggaggaa ccatacgaaa atccagcctc tg 522

10
15

||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||